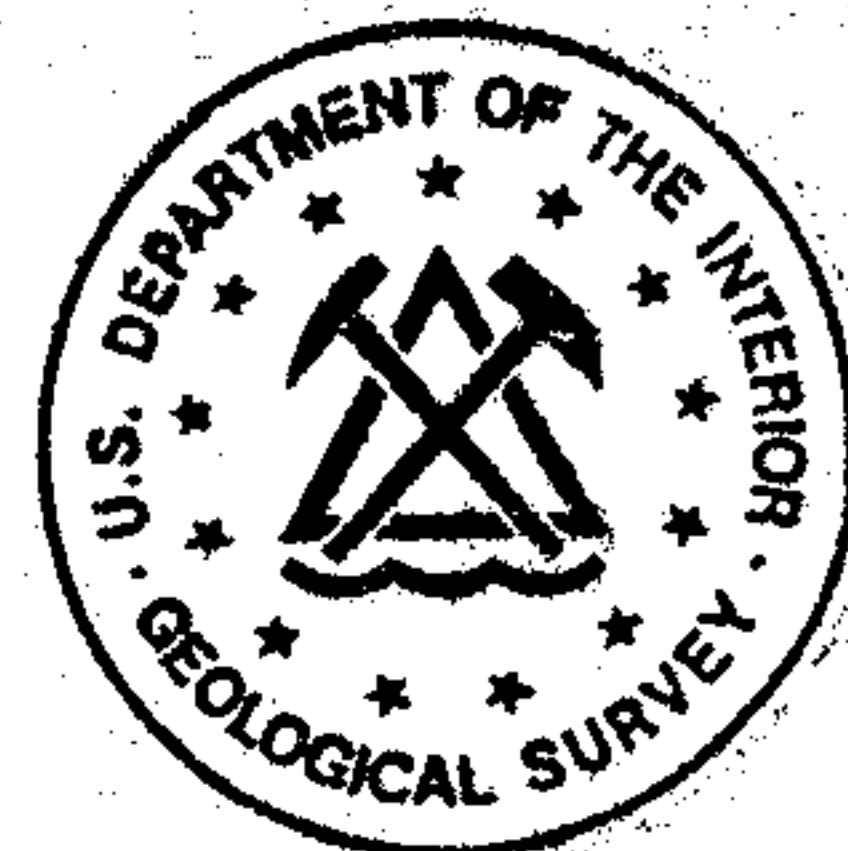


U.S. GEOLOGICAL SURVEY

DFS V LOG



81

VESSEL RMS Titanic CRUISE NO. BAIK92-2 DATE 9/22/92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 23 sec.

OFFSET 400 m PRIME NAVIGATION GPS

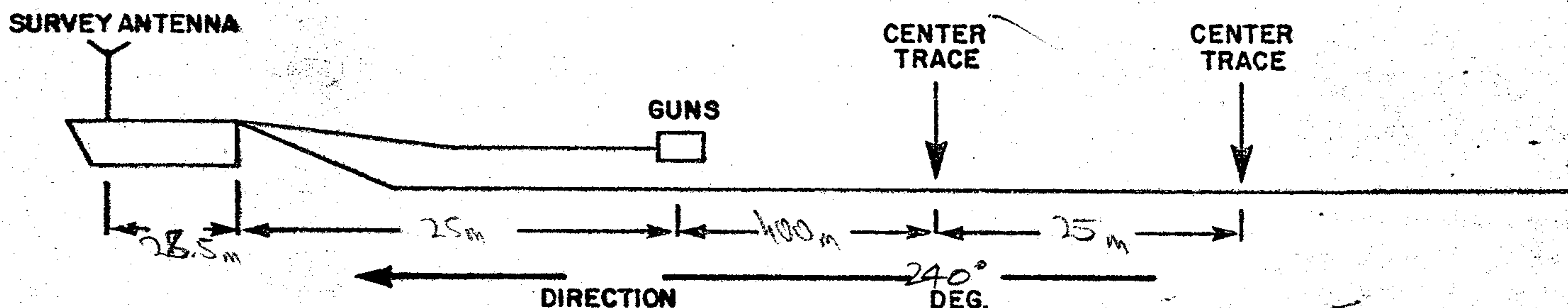
LINE NO. 13 DIR. _____ DEG. CABLE TYPE 96 trace

LOCATION Bahkal Central Basin TRACE INT. 25m

SAMPLE RATE 4 MS. BP11600 SEG B FORMAT /

RECORD LENGTH 9 sec. EXTENDED HEADER START WORD /

SOUND SOURCE 1435 cu. in. @ 2000 psi @ 6 depth (m)



RECORD

REPRODUCE

INPUT GAIN (500 OHM IMP)	FILTERS		MAN (FP)	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36dB	5/15	64		5	64	3	3	AGC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	452	264	0013	240°	001	074			19:41	20:13
1	453				075	147			20:14	20:46
1	454				148	220			20:47	21:18
1	455				221	293			21:19	21:50
1	456				294	366			21:51	22:23
1	457				367	439			22:24	22:56
1	458				440	513			22:56	23:29
1	459				514	585			23:29	00:00
1	460	265			586	658			00:00	00:32
1	461				659	731			00:32	01:06
	462				732	805			01:06	01:37
	463				806	877			01:37	02:10
	464				878	950			02:10	02:43
	465				951	1023			02:43	03:14
	466				1024	1096			03:14	03:46
	467				1097	1169			03:46	04:19

U.S. GEOLOGICAL SURVEY

DFS V LOG



814

VESSEL SS. Mimow CRUISE NO. BAIK 92-2 DATE 9/21/92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 26 sec.

OFFSET 400 m PRIME NAVIGATION GPS

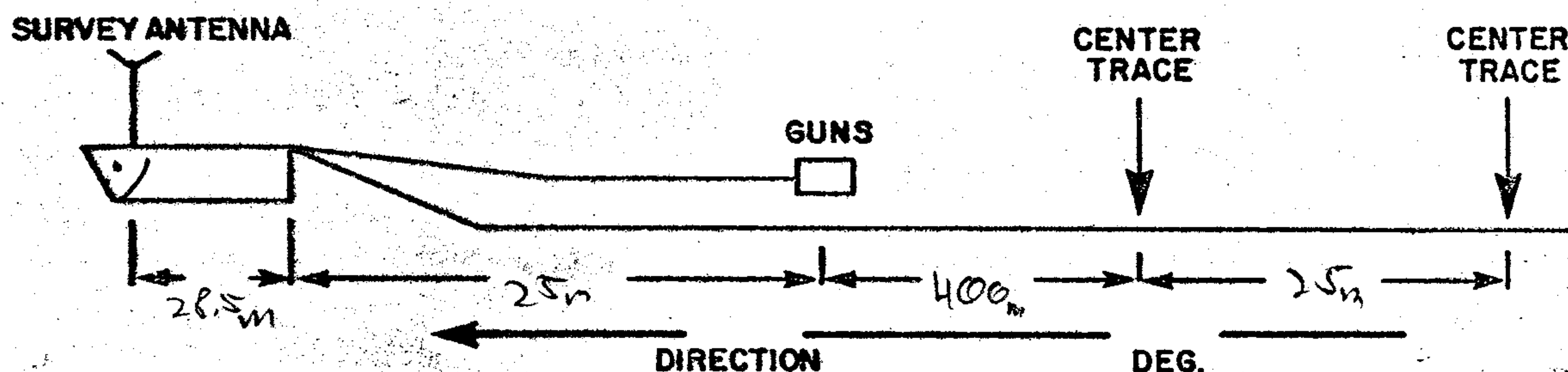
LINE NO. 13 DIR. _____ DEG. CABLE TYPE 96 trace

LOCATION Baikal Central Basin TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT -

RECORD LENGTH 9 EXTENDED HEADER START WORD -

SOUND SOURCE 1425 cu. in. @ 2000 psi @ C depth (m)



RECORD

REPRODUCE

INPUT GAIN (300 OHM IMP)	FILTERS		MAN <u>IFP</u>	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36 dB	5/15	64		5	64	3	3	46C

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	468	265	0013		1170	1242			0419	0451
1	469	242 likes on tape =>			1243	1315			0451	0523
1	470	4022	4023	Revv	1316	1388			0523	0556
1	471				1389	1462			0556	0625
1	472				1462	1535			0625	0654
1	473				1536	1609			0655	0723
1	474				1610	1683			0724	0752
1	475				1684	1758			0753	0821
1	476				1757	1829			0822	0849
1	477				1830	1902			0850	0918
1	478				1903	1975			0919	0947
1	479				1977	2050			0948	1016
1	480				2051	2123			1017	1045
1	481				2124	2196			1046	1113
	482				2197	2270			1113	1143
	483				2271	2346			1143	1212

DFS V LOG



813

SHOT INTERVAL (DISTANCE) _____ m OR TIME 9 sec.

OFFSET 400 m PRIME NAVIGATION GPS

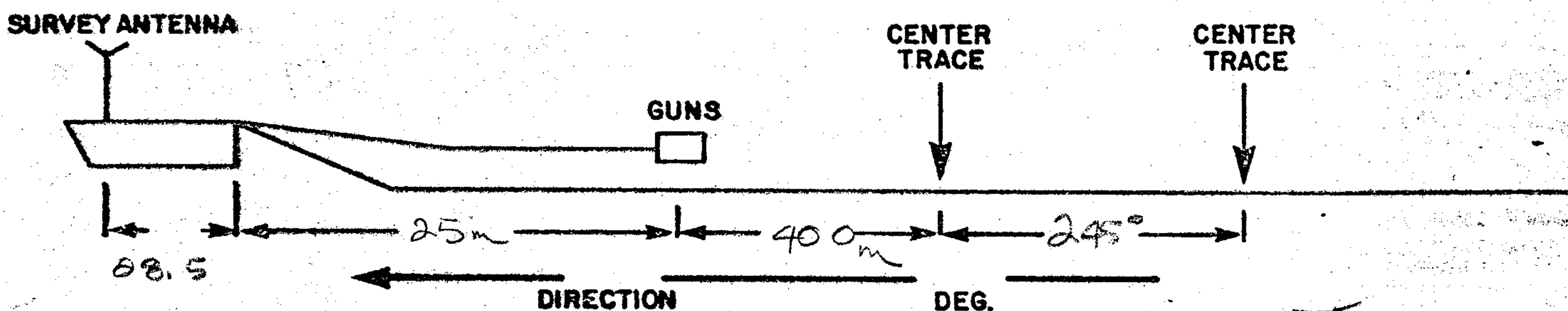
LINE NO. 13 DIR. 245° DEG. CABLE TYPE 96 TRACE

LOCATION C. BASIN / BAIKAL TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT ✓

RECORD LENGTH 9504 EXTENDED HEADER START WORD _____

SOUND SOURCE 1337 cu. in. @ 2000 psi @ 6 depth (m)

[illegible]

VESSEL Argo Maine DATE 9/2/02 # 821

VESSEL Argo Maine DATE 9/2/02 # 821

Client	<u>USGS</u>	Type instrument	<u>DFS - V</u>	Offset distance	<u>400m</u>
Area	<u>Baikal</u>	Record filter	<u>5-64 Hz</u>	Group interval	<u>25m</u>
State	<u>Central Basin</u>	Sample rate	<u>4 ms</u>	Fold coverage	<u>24</u>
Observer	<u>Three Muskaterefs</u>	gun depth	<u>6m</u>	in. ³ of guns	<u>1435</u>

Pre-plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1301	05/6	236	7 — 9	1699	469	13	
		1343	0535	238		1699	470		
		1371	0544	238	10 — 10	1698			23 second shot intervals
		1402	0600	238		1697	471		
		1476	0630	237	8 — 8	1697	472		
		1514	0645	238		1697			
		1559	07:00	240		1695	473		
		1592	07:16	239		1694			
		1627	07:30	241		1696	474		
		1666	07:45	247		1691			PE # 1679
		1702	08:00	241		1689	475		
		1749	08:17	237		1687			
		1778	08:30	239		1686	476		1656-1457 maybe 3 shot
		1824	08:47	243		1686			PR 1766
		1855	09:00	246		1681	477		
		1896	09:16	235		1665			
		1932	09:30	240		1655	478		4 guns on line 1-6 out
		1969	09:45	243		1640			of water
		2006	10:00	238		1633	479		Guns back on line
		2048	10:15	238		1628			2043-2045. No Guns
		2083	10:30	241		1606	480		
		2128	10:48	239		1591			
		2165	11:00	240		1587	481		
		2200	11:15	241		1567			
		2237	11:30	242		1553			
		2274	11:45	242°		1519	483		
		2313	12:00	242		1510			
		2350	12:15	241		1495	484		
		2389	12:30	242		1473			
		2426	12:45	241		1460			
		2465	13:00	242		1444	485		
		2503	13:15	241		1431			
		2542	13:30	242		1415			
		2579	13:45	241		1392			

OBSERVER'S MARINE REPORT

VESSEL BALKHASHDATE 9/21/92# 82A

Client USGS Type Instrument DFS-II Offset distance 200m
 Area Berkal Record filter 5-64H Group Interval 25m
 State Central Basin Sample rate 4ms Fold coverage 24
 Observer L. H. Nichols gun depth 6m in.³ of guns 1435

Pre-plot	Shotpoint	File No.	Time	#ldr.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		001	19:41	238	8 - 8	223	452	13	SOL #13 9 guns on line
		011	19:45	241		254			#7 H line
		044	20:00	240		328			
		077	20:15	245	9 - 8	416	453		PE781
		111	20:30	239		451			
		146	20:45	241		531			
		180	21:00	240	9 - 9	753	454		
		214	21:15	245		1123			
		246	21:30	233		1289			
		281	21:45	245	8 - 8	1444			
		314	22:00	230		1447			
		350	22:15	241		1294			
		381	22:30	241	8 - 8	1346			
		419	22:45	240		1359	457		
		462	23:00	241		1345			
		484	23:15	240	8 - 8	1365			
		517	23:30	241		1410	458		
		552	23:45	240		1389			
		586	0000	241	9 - 9	1510			
		619	0015	242		1589			
		654	0030	240	8 - 8	1610	459		
		686	0045	241		1661			
		721	0100	240	8 - 10	1643	460		
		754	0115	241		1641	461		
		789	0130	242	8 - 8	1678	462		
		823	0145	244°		1690	463		3 Guns out. Compressor
		857	0200	243	9 - 8	1699			Fixed
		891	0215	242°		1703			8 Guns on Line - Compressor
		925	0230	241		1703			Repaired
		959	0245	249	9 - 8	1700			
		994	0300	242		1701			
		1033	0317	245	7 - 8	1701			
		1071	0334	243		1700			
		1101	0348	240		1699			
		1130	0400	244	7 - 7	1702			
		1162	0415	245		1700			
		1119	0440	236	2 - 8	1700			
		1265	0500	243		1700			